

Semester 1 Laboratory Schedule (AY2024/2025) : <13 Aug 2024>

Instructional Week	LAB GRP DAY & DATE	CG2028	EE2022		EE2023	EE2026		EE2027	EE2028		PC2020	
		AM	AM	PM	PM	AM	PM	PM	AM	PM	AM	PM
0												
1	MON 12-Aug TUE 13-Aug WED 14-Aug THUR 15-Aug FRI 16-Aug											
2	MON 19-Aug TUE 20-Aug WED 21-Aug THUR 22-Aug FRI 23-Aug											
3	MON 26-Aug TUE 27-Aug WED 28-Aug THUR 29-Aug FRI 30-Aug	Expt1							PCI-1			
4	MON 2-Sep TUE 3-Sep WED 4-Sep THUR 5-Sep FRI 6-Sep	Expt2			Expt 1 Expt 1	Lab2	Lab2		PCI-2		pc2020^ pc2020^	pc2020^
5	MON 9-Sep TUE 10-Sep WED 11-Sep THUR 12-Sep FRI 13-Sep				Expt 1 Expt 1	Lab3	Lab3				pc2020^ pc2020^	pc2020^
6	MON 16-Sep TUE 17-Sep WED 18-Sep THUR 19-Sep FRI 20-Sep	Expt3			Expt 2 Expt 2				PCI-3			
RECESS												
7	MON 30-Sep TUE 1-Oct WED 2-Oct THUR 3-Oct FRI 4-Oct				Expt 2 Expt 2	Proj1	Proj1		PCI-4			
8	MON 7-Oct TUE 8-Oct WED 9-Oct THUR 10-Oct FRI 11-Oct				Expt 3 Expt 3	Proj2	Proj2	OP AMP	PCI-5			
9	MON 14-Oct TUE 15-Oct WED 16-Oct THUR 17-Oct FRI 18-Oct		Expt 1		Expt 3 Expt 3	Proj3	Proj3	OP AMP	PCI-6			
10	MON 21-Oct TUE 22-Oct WED 23-Oct THUR 24-Oct FRI 25-Oct		Expt 1		Expt 4 Expt 4	Proj4	Proj4		PCI-7		pc2020* pc2020*	pc2020*
11	MON 28-Oct TUE 29-Oct WED 30-Oct THUR 31-Oct FRI 1-Nov				Expt 4 Expt 4							
Deepavali NUS Well-Bing Day												
12	MON 4-Nov TUE 5-Nov WED 6-Nov THUR 7-Nov FRI 8-Nov						Proj5	Proj5	BJT	PCI-8	pc2020* pc2020*	pc2020*
13	MON 11-Nov TUE 12-Nov WED 13-Nov THUR 14-Nov FRI 15-Nov								BJT			

Academic calendar: <https://nus.edu.sg/registrar/docs/info/calendar/ay2024-2025.pdf>
 Examination calendar: <http://www.nus.edu.sg/registrar/event/exam.html>

MODULES AND LABORATORIES DETAILS

Module Code and Name	Lab Location
CG2028 Computer Organization	Digital Electronics (E4-03-06)
Lecturers in charge	Experiment / Assignment
Henry Tan, Ankit S	Expt1 : Assembly Language Programming
Lab Officers	Expt2 : Microarchitecture, Pipelining and Caching
Mr FM Ho, Ms MH Chia & Ms Goh KS	Expt3 : Assignment Assessment
EE2022 Electrical Energy Systems	Energy Management Microgrid (E4A-04-03)
Lecturers in charge	Experiment / Assignment
Jimmy Peng CH	Expt1 : Transformers
Lab Officers	
Mr Looi FC	
EE2023 Signal and Systems	Digital Electronics (E4-03-06)
Lecturers in charge	Experiment / Assignment
Sahoo, Idris Lim, Lai YK, Yin TT	Expt1 :
Lab Officers	Expt2 :
Mr FM Ho, Ms MH Chia & Ms Goh KS	Expt3:
	Expt4:
EE2026 Digital Design	Digital Electronics (E4-03-06)
Lecturers in charge	Experiment / Assignment
Chua DJ	Lab1: Getting Started
Lab Officers	Lab2: Combinational Circuits
Mr FM Ho, Ms MH Chia & Ms Goh KS	Lab3: Sequential Circuits
	Proj1: Introduction to BASYS3 I/O Devices
	Proj2: Basic Tasks Evaluation
	Proj3: Project Progress Evaluation
	Proj4: Verilog Evaluation
	Proj5: Project Assessment
EE2027 Electronic Circuits	Linear Electronics (E4A-06-03)
Lecturers in charge	Experiment / Assignment
Chim WK, Kelvin Fong	(40) BJT Amplifier
Lab Officers	(40) OPAMP
Mr Francis Boey, Mr Darren Ong TB	
EE2028 Microcontroller Prog & Interfacing	Digital Electronics (E4-03-06)
Lecturers in charge	Experiment / Assignment
Henry Tan, Ankit S	PCI-1: (60) Familiarization with Development Environment
Lab Officers	PCI-2: (60) Assembly Language and C Programming
Mr FM Ho, Ms MH Chia & Ms Goh KS	PCI-3: (60) Assignment 1 Assessment
	PCI-4: (60) System Design and Baseboard Familiarization
	PCI-5: (60) Interfacing to Sensors and Output Devices using GPIO, I2C and SPI
	PCI-6: (60) Interrupt Handling and Event Detection
	PCI-7: (60) Interfacing to External System using UART
	PCI-8: (60) Assignment 2 Assessment
PC2020 Electromagnetics for EE	Microwave Teaching Lab (^ S12-0402) (* E4-07-08)
Lecturers in charge	Experiment / Assignment
Chen XD, Yeo SP, Goh ST, Song JH	The reflection coefficient and the Smith chart
Lab Officers	
Ms Lee SC, Ms Guo L	